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COUNTRY Germany (Russian Zone)

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SUBJECT

Radio Traffic with Soviet Long Fishing Vessels

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.14 August to 15 October 1950

SUPPLEMENT TO REPORT NO.

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- 1. On 15 Octo er 1950, experiments with fishery radio sets Al, A2, and A3 were made between the Technical Office of the Vereinigung Volkseigener Betriebe, Radio- . und Fernmeldetec nik (Union of Mationalized Plants, Radio and Telecommunication Engineering) (RFT) in Rostock, the opposite station of Ruegon-Radio and Travler ROS 102. The travler cruised in the Kathegut during the period required for this r:dio test. *
- 2. An order for 25 fishing boot radio sets of the A-1 type, 25 of the A-2 type and 25 of the A-3 type was placed with the RFT plant in Dabemberi when the test proved satisfactory.
- 3. Travlers in the Soviet Zone of Germany were formerly equipped with 20-west transmitters, telephony A3, sup lied by the HT into in Leipzig. The transmitters had a frequency of between 1,500 and 3,500 kc and were equipped with four RL 12 F 35 subsections. Current was obtained from a 24-volt battery convertor. The electric output of the transmitter was about 100 walls and, during trials, even reached 112 watts. The transmitters were also equipped with telegraphy A 2. The receivers hed a frequency of from 1,430 to 3,500 ke and dere equipped with EF 13, E Ch 11, EF 11 and EF 12 tubes. For A-2 operation they were fitted with an additional E CH 11 tube. Current was sup lied by 24-volt bettery converters.
- 4. The final equipment of the Soviet Zone travilers and other sea-going ships will consist of a 100-watt transmitter Al, A2, A3 and an SOS senter, a radio direction finder, called Combain set, and an all-wave receiver. These units are schoduled to be deliver d during the first six months of 1951. **
- 5. The wave was fixed temperarily at 3,130 kc for radio telegraphy, but this wave his not yet been assigned to the vessels. Beginning 14 August 1950 experiments have been made on this wave length.
- 6. The 20-watt radio set reviously used by drifters will be used by Soviet Zone fishing cutters.
- Firms manufacturing the new radio sets in the Seviet Zone of Germany include the RFT in Dabendorf for transmitters; the MTT Make in Leipzig for receivers and radio direction finders; and the RFT Funkwerk (Rudic Plant) in Kreponick for the allwave receivers and distress transmitters.

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Comment. Travie RCS 102 is stationed in Restock and clones to the Vereiniring Volkseigener Detrie e der Flachereiwirtschaft (Union of Nationalized Fishery
Plants), Section Deep-Sec Fishing (VVF/F) in Hostock. This travier was fishing on
the Dogger Bank from 17 August to 15 Sectember 1950, 15 September to 6 Cotob r,
9 October to 25 October, and from 28 October to 14 November 1950.

Comment. The frequency between 1,500 a d 3,500 kc is that the which the
traviers of the Testern Zone of Commany operate. To information is available on
the radio direction finder, Combain Set. It is believed to be a conjecturic
direction finder.

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